

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6444	137/485-492.5.ccls. and pd> "20080801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/22 17:45
L2	55	137/485-492.5.ccls. and @pd> "20080801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/22 17:45
L3	18	("flush valve" and detect\$4 and generat\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/22 17:49
L4	258	137/101.19, "101"."."21". ccls. and @pd> "20080801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/22 17:52
L5	1	137/101.19,101.21.ccls. and @pd> "20080801"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/22 17:52
S1	1	10/579590	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/31 14:55
S2	1	11/689751	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/31 15:08
S3	2	"5606954".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 13:08
S4	282	137/487.5 and leak	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 13:21
S5	0	moyoyasu.in. near2 kimura. in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 13:22
S6	226	motoyasu.in. near2 kimura. in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 13:22
S7	225411	"137".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 13:22

S8	3	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 13:22
S9	10	tomoei.in. near2 kimura.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 13:23
S10	179	137/487.5 and leak and compar\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 13:55
S11	147	137/487.5 and leak and compar\$4 and generat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 13:55
S12	59	137/487.5 and leak and ( compar\$4 same generat \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 13:55
S13	4	"2002047709"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:01
S14	59	137/487.5 and leak and (compar\$4 same generat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:09
S15	6	137/487.5 and leak and (compar\$4 same generat\$4 same (electricity or power))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:10
S16	59	137/487.5 and leak and (compar\$4 same (turbine or generat\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:26
S17	3785	leak and (compar\$4 same ((flow or rate or sensor or monitor) with (impeller or turbine or generat\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:33
S18	545	leak and (compar\$4 same ((flow or rate or sensor or monitor) near5 (impeller or turbine or generator)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:34
S19	241	leak and (compar\$4 same ((flow or rate or sensor or monitor) near5 (impeller or turbine or ((power or electric \$4) near3 generator))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:34

S20	13	"137".clas. and leak and (compar\$4 same ((flow or rate or sensor or monitor) near5 (impeller or turbine or ((power or electric\$4) near3 generator))))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:35
S21	1125	137/487.5 and (compar\$4 sam (impeller or turbine or ((power or electric\$4) near3 generator)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:39
S22	25	137/487.5 and (compar\$4 same (impeller or turbine or ((power or electric\$4) near3 generator)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:39
S23	21	S22 not S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:39
S24	17	("3393562"   "4042173"). PN. OR ("4125123").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 14:53
S25	16	137/487.5.ccls. and (compar\$4 same ((flow near3 (rate or sensor or monitor)) same (fail\$ or redundan\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:57
S26	16	137/487.5.ccls. and (compar\$4 same (flow near3 (rate or sensor or monitor)) same (fail\$ or redundan\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 14:58
S27	1415	(compar\$4 same (flow near3 (rate or sensor or monitor)) same (fail\$ or redundan\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:04
S28	1415	(compar\$4 same (flow near3 (rate or sensor or monitor)) same (fail\$4 or redundan\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:04
S29	16	137/487.5.ccls. and (compar\$4 same (flow near3 (rate or sensor or monitor)) same (fail\$ or redundan\$))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:05
S30	16	137/487.5.ccls. and (compar\$4 same (flow near3 (rate or sensor or monitor)) same (fail\$4 or redundan\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:05
S31	122	"137".clas. and (compar\$4 same (flow near3 (rate or sensor or monitor)) same (fail\$4 or redundan\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:05
S32	0	"137".clas. and (compar\$4 same (flow near3 (rate or sensor or monitor)) same (fail\$4 or redundan\$5)) not S31 not S16 not S20 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:06

S33	120	S31 not S16 not S20 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:06
S34	1290	(compar\$4 same (flow near3 (rate or sensor or monitor)) same (fail\$4 or redundan\$5)) not S31 not S16 not S20 not S22 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:20
S35	1054764	leak\$4 (compar\$4 same (flow near3 (rate or sensor or monitor)) same (fail\$4 or redundan\$5)) not S31 not S16 not S20 not S22 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:21
S36	290	leak\$4 and (compar\$4 same (flow near3 (rate or sensor or monitor)) same (fail\$4 or redundan\$5)) not S31 not S16 not S20 not S22 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:21
S37	53	leak\$4 and (compar\$4 same (flow near3 (rate or sensor or monitor)) with fail\$4) not S31 not S16 not S20 not S22 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:22
S38	17	leak\$4 and (compar\$4 with (flow near3 (rate or sensor or monitor)) with fail\$4) not S31 not S16 not S20 not S22 not S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:22
S39	53	S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:22
S40	0	redundant with (flow near3 sens\$4) with failure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:25
S41	6	redundant with (flow near3 rate) with failure	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:25
S42	378	137/101.21,101.19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:31
S43	125	137/101.21,101.19.ccls. and compar\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:32

S44	77	137/101.21,101.19.ccls. and (compar\$5 with flow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:32
S45	31	137/101.21,101.19.ccls. and compar\$5 and fail\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:33
S46	8880	kimura.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:41
S47	7180	kimura.as. and kimura.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:41
S48	7	kimura.as. and kimura.in. and "137".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:41
S49	2	"5427350".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/07 15:51
S50	33	("3865138"   "3921667"   "4023585"   "4156437"   "4592505"   "4790514"   "4794314"   "4811221"   "4838310"   "4852802"   "4883823"   "5040569").PN. OR ("5427350").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 15:51
S51	44	("3726477"   "3974879"   "4185650").PN. OR ("4838310").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 16:03
S52	3	11/208918 or 11/246638 or 11/365001	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 16:05
S53	0	11/208918	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 16:06
S54	1	11/188139	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 16:12
S55	1	10/536972	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 16:13
S56	2	11/357521	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 16:13
S57	1	"11528401"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 16:13
S58	1	"11386292"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 16:53
S59	0	mccalister.xa.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 17:07
S60	1	11/439863	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 17:18

S61	1	11/515949	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 17:19
S62	0	"200247709"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 19:08
S63	0	"2002047709"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/07 19:08
S64	33	("3865138"   "3921667"   "4023585"   "4156437"   "4592505"   "4790514"   "4794314"   "4811221"   "4838310"   "4852802"   "4883823"   "5040569").PN. OR ("5427350").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 11:36
S65	16	S64 and charg\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 11:40
S66	37	("3114243"   "4209131"   "4396149"   "4545396"   "4646224"   "4768712"   "4838310"   "4852802"   "4867192"   "4875498"   "4895303"   "4917304"   "5021939"   "5022585"   "5135174"   "5193744"   "5278749"   "5333785"   "5427350"   "5445176"   "5740031"   "5813606"   "5813655"   "5816502"   "5839660"   "6016971"   "6076740"   "6095189"   "6098898"   "6108590"   "6314979"   "6453215"   "6685104"   "6874707"   "6994271"   "7097113").PN. OR ("7264177").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 11:41
S67	30	("2276714"   "2518990"   "2607360"   "2621870"   "2898605"   "3011469"   "3471885"   "4142367"   "4186881"   "4276482"   "4276900"   "4352025"   "4392063"   "4488055"   "4533835"   "4538761"   "4731545"   "4746808"   "4839039"   "5249631"   "5427350"   "6036333"   "6752342").PN. OR ("7121495").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 11:42
S68	5	("5427350"   "6016832"   "6337635"   "6662821").PN. OR ("6994309").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 11:42
S69	0	"251".clas. and (theft near3 prevent\$4) and (conduct\$4 near2 housing)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 12:40

S70	2	"251".clas. and (theft near3 prevent\$4) and (circuit with housing)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 12:40
S71	10	"251".clas. and (theft near3 prevent\$4) and (circuit)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 12:41
S72	24	"137".clas. and (theft near3 prevent\$4) and (circuit)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 12:43
S73	0	(residential or household) and valve and (theft near3 prevent\$4) with (circuit)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 12:46
S74	11	(residential or household) and (theft near3 prevent\$4) with (circuit)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 12:47
S75	10	("3955183"   "4157542"   "4237450"   "4654642").PN. OR ("5089807").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 12:54
S76	57	("4139843"   "4155073"   "4455464"   "4573041"   "4616113"   "4620182"   "4623765"   "4663499"   "4736826"   "4746909"   "4772878"   "4896140"   "4899217"   "5072213"   "5089807"   "5094396"   "5103984"   "5124685"   "5146205"   "5154072"   "5160048"   "5172098"   "5246183"   "5270681"   "5279135"   "5289559"   "5341124"   "5345219"   "5345220"   "5421667"   "5467075"   "5543782"   "5552771"   "5561417"   "5565848"   "5577855"   "5604484"   "5617073"   "5652569"   "5676258"   "5699591"   "5726627"   "5796337"   "5821857"   "5823358"   "5861807"   "5936525"   "6027277"   "6039498"   "6087939"   "6104289"   "6147603"   "6215400"   "D335439"   "D345092").PN. OR ("6690277").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:00
S77	19	("3192518"   "3289194"   "3484775"   "3553673"   "3794989"   "3836901"   "4028691"   "4075617").PN. OR ("4237450").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:02

S78	27	("2913712"   "3090948"   "3484775"   "3959790"   "4002397"   "4097843"   "4121201"   "4195290"   "4237450"   "4584570"   "4855719"   "4935725"   "4959635"   "5258744"   "5293115").PN. OR ("5525965").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:02
S79	20	("3067411"   "3425050"   "3444547"   "3537095").PN. OR ("3794989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:03
S80	36	("3484775"   "3710371"   "3766540"   "3794989"   "3836901").PN. OR ("4284983").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:04
S81	165	S74 or S75 or S76 or S77 or S78 or S79 or S80	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:06
S82	16	S81 and (housing or body) near3 conduct\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:07
S83	16	("3484775"   "3794989"   "4075617"   "4097843"   "4151521").PN. OR ("4300130").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:15
S84	20	("3067411"   "3425050"   "3444547"   "3537095").PN. OR ("3794989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:22
S85	169	S81 or S83 or S84	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:23
S86	61	S85 and conductive	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:24
S87	16	S85 and conductive with (body or housing or frame)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:24
S88	25	("1559380"   "3072500"   "3634845"   "3932857"   "4000488"   "4455464"   "4587517"   "4654640"   "5172098"   "5541578"   "5574430"   "5644295").PN. OR ("5936525").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:27
S89	28	("4620182"   "5146205"   "5270681"   "5341124"   "5421667"   "5565848"   "5617073"   "D335439"   "D345092").PN. OR ("5861807").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:28
S90	6	((theft or security).ti. or (theft or security).ab.) and appliance with (housing or body) with conduct\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:35



S91	6	((theft or security).ti. or (theft or security).ab.) and (appliance with (housing or body) with conduct\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:36
S92	121	((theft or security).ti. or (theft or security).ab.) and (appliance with (housing or body))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 13:37
S93	20	("3425050").URPN.	USPAT	OR	OFF	2008/08/11 13:55
S94	10	("3955183"   "4157542"   "4237450"   "4654642").PN. OR ("5089807").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 14:09
S95	416	((theft or security).ti. or (theft or security).ab.) and (conduct\$5 near5 (housing or body))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 14:18
S96	398	((theft or security).ti. or (theft or security).ab.) and (conduct\$4 near5 (housing or body))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 14:18
S97	268	((theft or security).ti. or (theft or security).ab.) and (conduct\$4 near3 (housing or body))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 14:18
S98	258	S97 not S86	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 14:19
S99	15	("3932857"   "4005296").PN. OR ("4455464").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 14:38
S100	8662	((theft or security).ti. or (theft or security).ab.) and (metallic housing)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 14:51
S101	1200	((theft or security).ti. or (theft or security).ab.) and (metallic housing) with circuit	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 14:51
S102	84	((theft or security).ti. or (theft or security).ab.) and (metallic housing) with circuit with complet\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 14:51
S103	33	((theft or security).ti. or (theft or security).ab.) and (article with (metallic housing) same circuit)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/11 15:01

1/ 22/ 2009 6:09:20 PM

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